

ALERT SERVICE BULLETIN

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OXYGEN - ATA SYSTEM 35

P/N 10100B1B14

(USE THIS ASB ONLY FOR P/N 10100B1B14 SCOTTORAMIC® MASK ASSEMBLIES. USE ASB 10100-35-A01 FOR ALL OTHER P/N 10100 SERIES SCOTTORAMIC® MASK ASSEMBLIES.)

SCOTTORAMIC® MASK ASSEMBLY P/N 10100B1B14

INSPECTION FOR CORRECT BREATHING TUBE ATTACHMENT; INSTALLATION OF ASB COMPLIANCE LABEL FOR MASK ASSEMBLIES NOT REQUIRING MODIFICATION; INFORMATION ON OBTAINING SERVICE INSTRUCTIONS FOR MASK ASSEMBLIES REQUIRING MODIFICATION

1. SUMMARY

On some Scott Part Number 10100 Series Scottoramic® Mask Assemblies the breathing tube has separated from the facepiece because a part was left off the specification when the connection was redesigned in early 2000. Mask Assembly P/N 10100B1B14 (shown in Figure 1) is one of the mask assemblies that can have this condition.

As a correction for breathing tubes that are not correctly attached, a rubber bushing must be installed between the tube and the facepiece connection. Mask assemblies modified with the bushing will incorporate a P/N change.

All Scott P/N 10100B1B14 Scottoramic® Mask Assemblies must be inspected. A P/N 10100B1B14 Mask Assembly is shown in Figure 1.

NOTE: Do not use this ASB for other P/N 10100 Series Scottoramic® Mask Assemblies. Use ASB 10100-35-A01 for the other P/N 10100 Series Scottoramic® Mask Assemblies.

2. PLANNING INFORMATION

A. Effectivity

(1) Aircraft

This ASB applies to models of Canadair aircraft that have Scott P/N 10100B1B14 Scottoramic® Mask Assemblies installed.

NOTE: The P/N 10100B1B14 Scottoramic® Mask Assembly may be installed in other aircraft.

(2) Scott P/N 10100B1B14 Scottoramic® Mask Assemblies

This ASB applies only to Scott P/N 10100B1B14 Scottoramic® Mask Assemblies. Do not use this ASB for any other P/N 10100 Series Scottoramic® Mask Assemblies. Use ASB 10100-35-A01 for all other P/N 10100 Scottoramic® Mask Assemblies. To obtain a copy of ASB 10100-35-A01, contact the Scott Technical Publications Department. See paragraph 5G.

B. Reason

As a correction for breathing tubes that could separate this ASB requires the inspection of all Scott P/N 10100B1B14 Scottoramic® Mask Assemblies and the addition of a compliance label to any mask assemblies found to require no further action. This ASB also provides information on obtaining service instructions for those mask assemblies that are found to require further corrective action.

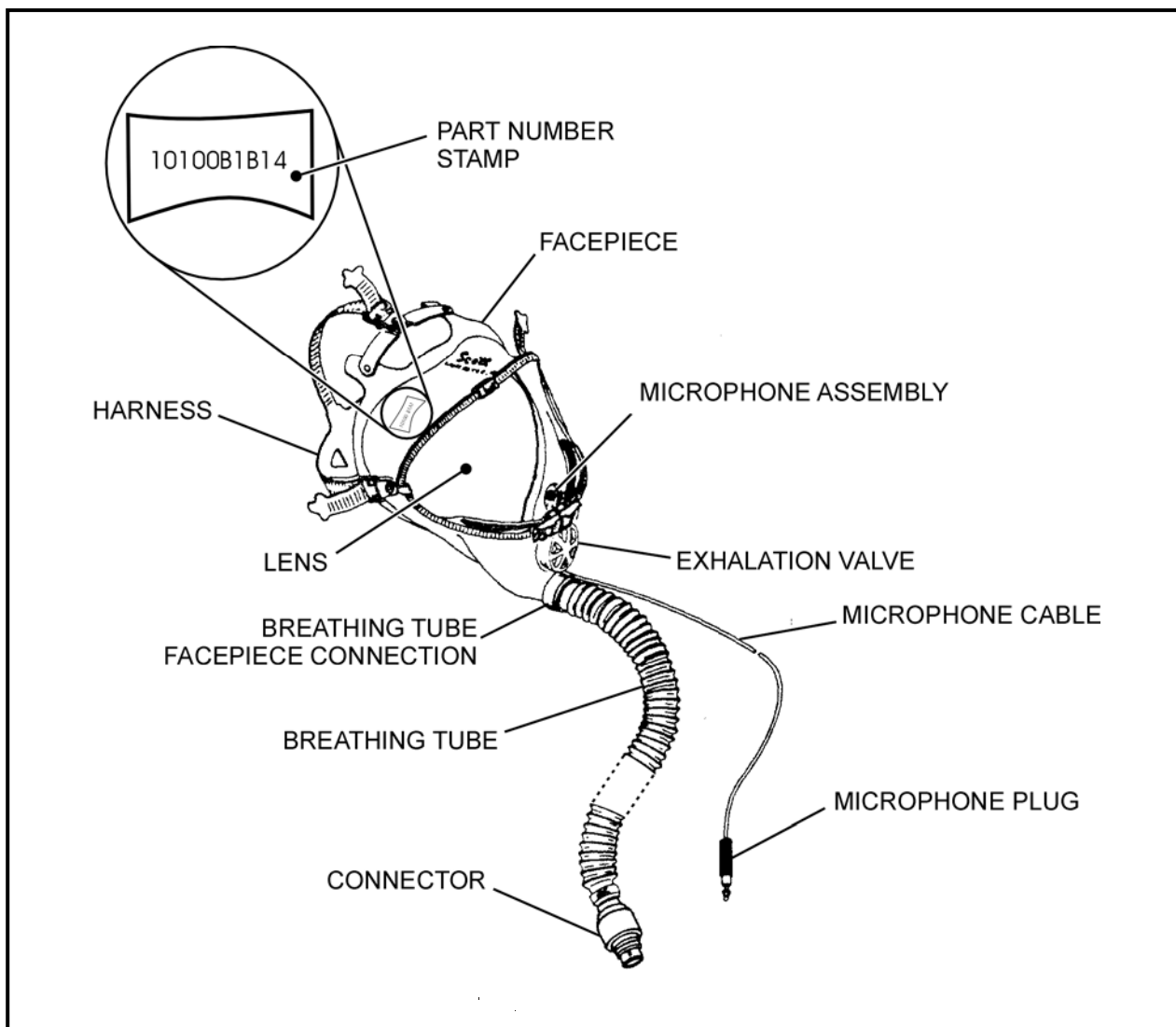
2. PLANNING INFORMATION (Continued)**C. Description**

This ASB identifies the Scott P/N 10100B1B14 Scottoramic® Mask Assembly that is affected and gives accomplishment instructions.

You are authorized to make copies of this ASB and give them to other persons. If you copy this ASB, you must copy all of the ASB. The only page you can copy alone is the Label Order Form in the Appendix.

D. Recommended Compliance

You must do an inspection of all Scott P/N 10100B1B14 Scottoramic® Mask Assemblies whether in service or in storage and arrange for the installation of a bushing in the mask assemblies, identified by the inspection as requiring a bushing, within 180 days of the publication of this ASB.



10100B1B14 Scottoramic® Mask Assembly

Figure 1

2. PLANNING INFORMATION (Continued)

E. Approval

The technical aspects of this Alert Service Bulletin have been reviewed and accepted by the Federal Aviation Administration (FAA).

WARNING: ANY SERVICE OR OVERHAUL PERFORMED ON THIS APPARATUS SHALL BE DONE ONLY BY THOSE FACILITIES EXPERIENCED IN, OR BY PERSONNEL KNOWLEDGEABLE, IN AVIATION OXYGEN EQUIPMENT. IF NONE IS KNOWN, CONTACT SCOTT AVIATION OR ITS DISTRIBUTORS FOR NAMES OF AUTHORIZED SERVICE CENTERS. IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

F. Manpower

- (1) To inspect each mask assembly requiring inspection, one service technician is required. It will take approximately 0.1 work hours to inspect each mask assembly.
- (2) If the inspection indicates that a wire tie is used on the breathing tube/facepiece connection, then an ASB compliance label (P/N 10013517) will be installed. If the inspection indicates that a clamp is used on the breathing tube/facepiece connection, a bushing must be installed. Arrange for the bushing installation as soon as possible.

G. Weight and Balance

The weight of an ASB compliance label (P/N 10013517) is negligible. The effect on weight and balance can be ignored.

H. References

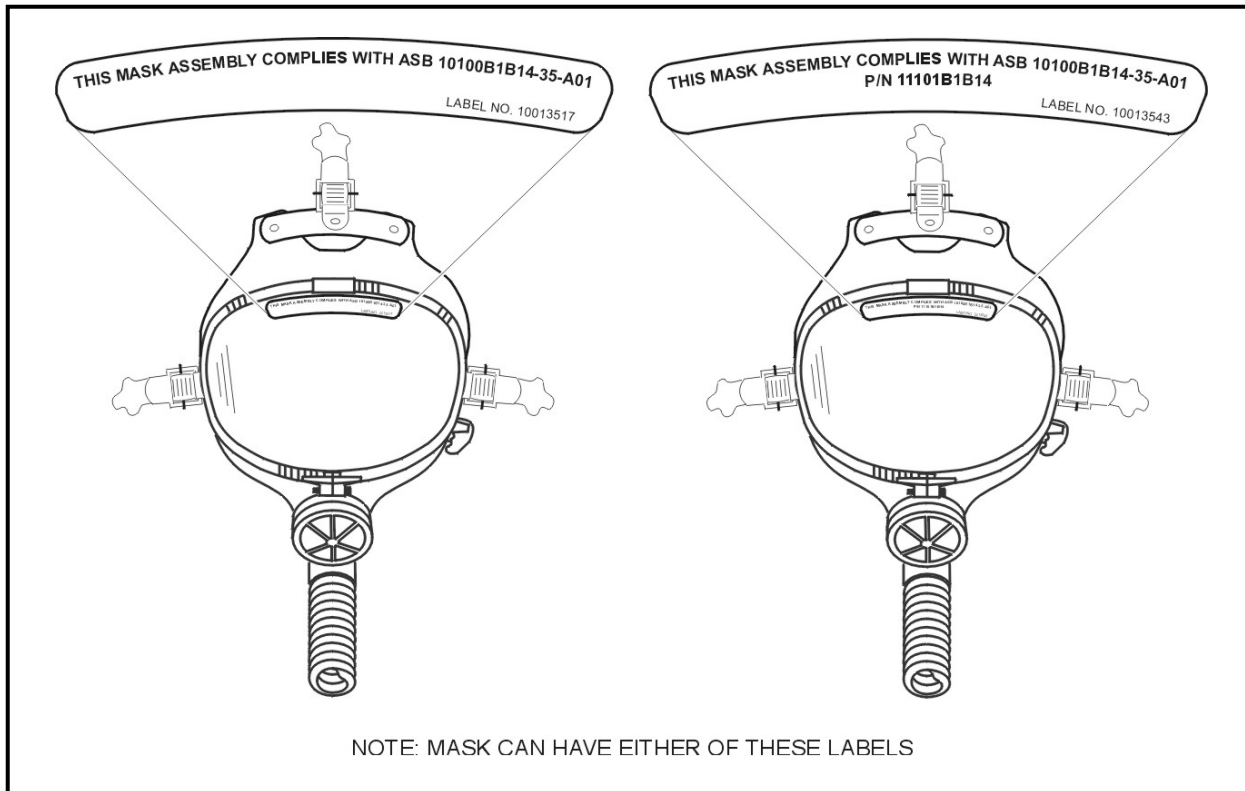
Scott CMM 35-10-71 for P/N 10100 Series Scottoramic® Mask Assembly.

3. MATERIAL INFORMATION

- A. ASB compliance labels (P/N 10013517) are supplied free of charge by Scott Aviation. Estimate the quantity of 10100B1B14 Scottoramic® Mask Assemblies to be inspected and obtain compliance labels before starting the inspections. See paragraph 5A.
- B. Refer to Table 1. One ASB compliance label P/N 10013517 is required for each inspected P/N 10100B1B14 Scottoramic® mask that does not require a bushing.
- C. Bushings and ASB compliance labels for installation in mask assemblies found to use a clamp to attach the breathing tube to the facepiece, will be supplied free of charge by Scott Aviation. See Paragraph 4B.

Table 1
ASB Compliance Label Information

Nomenclature	Part Number	Manufacturer
ASB Compliance Label	10013517	Scott Aviation (V53655)



Indicators of Compliance with ASB
Figure 2

4. ACCOMPLISHMENT INSTRUCTIONS

This ASB applies to the P/N 10100B1B14 Scottoramic® Mask Assembly. Do a check of your purchasing records, spares inventory, and aircraft maintenance records to find if you have these Scottoramic® Mask Assemblies. Estimate the quantity of P/N 10100B1B14 Scottoramic® Mask Assemblies to be inspected and obtain compliance labels before starting the inspections. See paragraph 5A. Follow the Aircraft Maintenance Manual (AMM) to get access to Scottoramic® Mask Assemblies installed in aircraft.

A. Visual Inspection

- (1) To tell if this ASB applies to your mask, look carefully at the top of the facepiece (see Figure 1) under a suitable light and read the Part Number that is stamped into the rubber. If the P/N is 10100B1B14, your mask assembly is covered by this ASB. If any other P/N is stamped into the rubber, stop. This ASB does not apply.
- (2) If Part Number 10100B1B14 is stamped into the rubber, or if no P/N is visible on the rubber, look for an ASB compliance label adhered to the lens as shown in Figure 2. If either ASB compliance label is present, stop, your mask complies with this ASB.
- (3) If there is no part number stamped into the rubber, and there is also no ASB compliance label on the mask assembly lens as shown in Figure 2, refer to CMM 35-10-71 to determine the Part Number of the mask assembly you have. If determined to be 10100B1B14, your mask assembly is covered by this ASB.

4. ACCOMPLISHMENT INSTRUCTIONS (Continued)

A. Visual Inspection (Continued)

(4) If your mask assembly has been determined to be covered by this alert service bulletin and require further inspection then perform the following steps.

- (a) Remove the warning tag (P/N 10005787) if so equipped.
- (b) Roll the rubber band off of the connection toward the facepiece.
- (c) Remove the black vinyl tape (commercially available).
- (d) Pull only sufficient olive drab tape (P/N 50003-00) up from the facepiece to see if the breathing tube is attached with a clamp or a wire tie (see Figure 3).

NOTE: The clamp is approximately 0.25 inch (6.4 mm) wide and silver in color. The wire tie is approximately 0.06 inch (1.5 mm) in diameter.

- (e) Look at Figure 3 to see if the breathing tube is attached with a clamp or a wire tie. If the breathing tube is attached with a clamp, go to paragraph 4.B. Installation of Bushing. If the breathing tube is attached with a wire tie, continue to next step.
- (f) If the breathing tube is attached with a wire tie, do the following steps:
 - 1 Put the olive drab tape back in place over the wire tie.
 - 2 Cut a piece of the black vinyl tape (commercially available) that is 0.75 in (19 mm) wide and 7 in (178 mm) long and apply it over the olive drab tape.
 - 3 Roll the rubber band (P/N 10109-00) back over the tape.

NOTE: Make sure that the microphone cable is properly aligned under the rubber band.

- (g) Reinstall the Warning tag (P/N 10005787) if removed in step 4.A.(4)(a).
- (h) Clean the inside of the lens with soap and water, rinse, and dry thoroughly before you install the label. Note: The ASB compliance label is read from the outside of the mask by reading through the mask lens.
- (j) Install the ASB compliance label (P/N 10013517) at the top/center inside surface of the lens as shown in Figure 2.

WARNING: FAILURE TO INSTALL THE BUSHING WHEN REQUIRED MAY RESULT IN SEPARATION OF THE BREATHING TUBE FROM THE MASK ASSEMBLY DURING USE.

B. Installation of Bushing

For a P/N 10100B1B14 Scottoramic® Mask Assembly that has the breathing tube attached to the facepiece assembly with a clamp (P/N 10011126) you can do either (1) or (2) as follows:

- (1) Contact Scott as shown in the Appendix and request the materials and Installation Instructions to complete this ASB in your own facility. The materials and Installation Instructions will be provided by Scott Aviation free of charge.

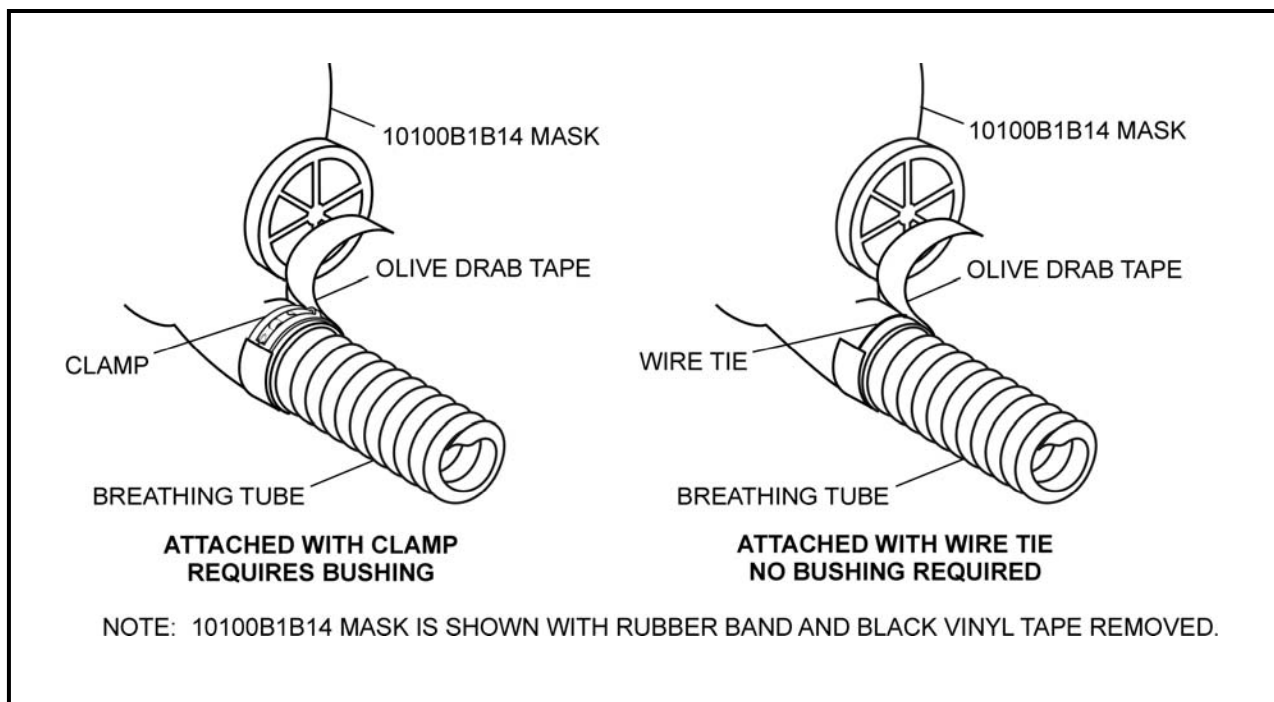
4. ACCOMPLISHMENT INSTRUCTIONS (Continued)**B. Installation of Bushing (Continued)**

- (2) Contact AVOX for a Return Material Authorization (RMA) to send the mask assembly prepaid to an AVOX Authorized Repair Facility for installation of the bushing free of charge. See paragraph 5C.

NOTE: A list of AVOX Authorized Repair Facilities is available on the AVOX Systems website at www.avoxsys.com or contact AVOX Systems per paragraph 5E. below for a copy of the list.

C. Make a Record

If required, make an entry in your aircraft maintenance records that this service bulletin has been completed.



Clamp versus Wire Tie
Figure 3

5. APPENDIX - How to Contact AVOX Systems

- A. To obtain labels for mask assemblies inspection (P/N10013517) free of charge, complete the Label Order Form on the next page. You can mail or fax the completed order form or e-mail this information directly to the AVOX Technical Support Department shown in paragraph E below.
- B. To obtain bushings, bushing installation labels, and bushing Installation Instructions free of charge for mask assemblies that have been inspected and were determined to require bushings, contact the AVOX Technical Support Department as shown in paragraph E below.
- C. To obtain a Return Material Authorization (RMA) number to ship a mask to AVOX Systems or an AVOX Authorized Service Facility for installation of a bushing free of charge, contact the AVOX Technical Support Department in paragraph E.
- D. To buy a mask assembly or a replacement part, contact any AVOX Aviation Authorized Distributor. Refer to the AVOX web site (www.avoxsys.com) for a list of distributors or contact AVOX per paragraph E below for a copy of the list.
- E. To get technical aid, contact the AVOX Technical Support Department.
 - Mail to: AVOX Systems
Attention: Technical Support
225 Erie Street
Lancaster, NY 14086-9502
USA
 - Telephone: 1-716-686-1725 or 1-716-686-1798
 - Fax: 1-716-681-1089
 - E-mail: avoxcs@avox.zodiac.com
- F. To get a P/N 10100B1B14 Mask Assembly repaired or overhauled, contact AVOX per paragraph E above.
- G. To get a copy of the CMM 35-10-71, contact the AVOX Technical Publications Department. Give the aircraft model when you send an order for a CMM copy. To get copies of the AVOX Publications Index, and recently published SB's & SIL's on-line refer to the AVOX Aviation website: www.avoxsys.com.
 - Telephone: 1-716-683-5100
 - Fax: 1-716-681-1089
 - E-mail: avoxtechpub@tycoint.com
 - Publications Index: log onto www.avoxsys.com; click on the Technical Product Information tab at the top to download and print the Master Index.
- H. Warranty Coverage

NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED PURPOSE SHALL APPLY TO THIS ACTION.

NOTE: Do not return Mask Assemblies to AVOX Systems or to an AVOX Authorized Repair Facility unless you have received a written return authorization (RMA). Any mask assemblies sent without a return authorization will be returned to the sender in the condition received. The sender assumes the full responsibility for any unauthorized returns.

LABEL ORDER FORM
(Make copies or use this page)

Your Company Name:	
Full Shipping Address:	
(No P.O. Boxes)	
Country:	
Telephone Number:	
Fax Number:	
E-mail Address:	
Aircraft Type/Model:	
10100B1B14 Scottoramic® Mask Quantity:	
10100B1B14 Scottoramic® Mask Quantity:	
10100B1B14 Scottoramic® Mask Quantity:	
10100B1B14 Scottoramic® Mask Quantity:	
Total Masks to be Inspected:	
Quantity of P/N 10013517 Compliance Labels Ordered:	